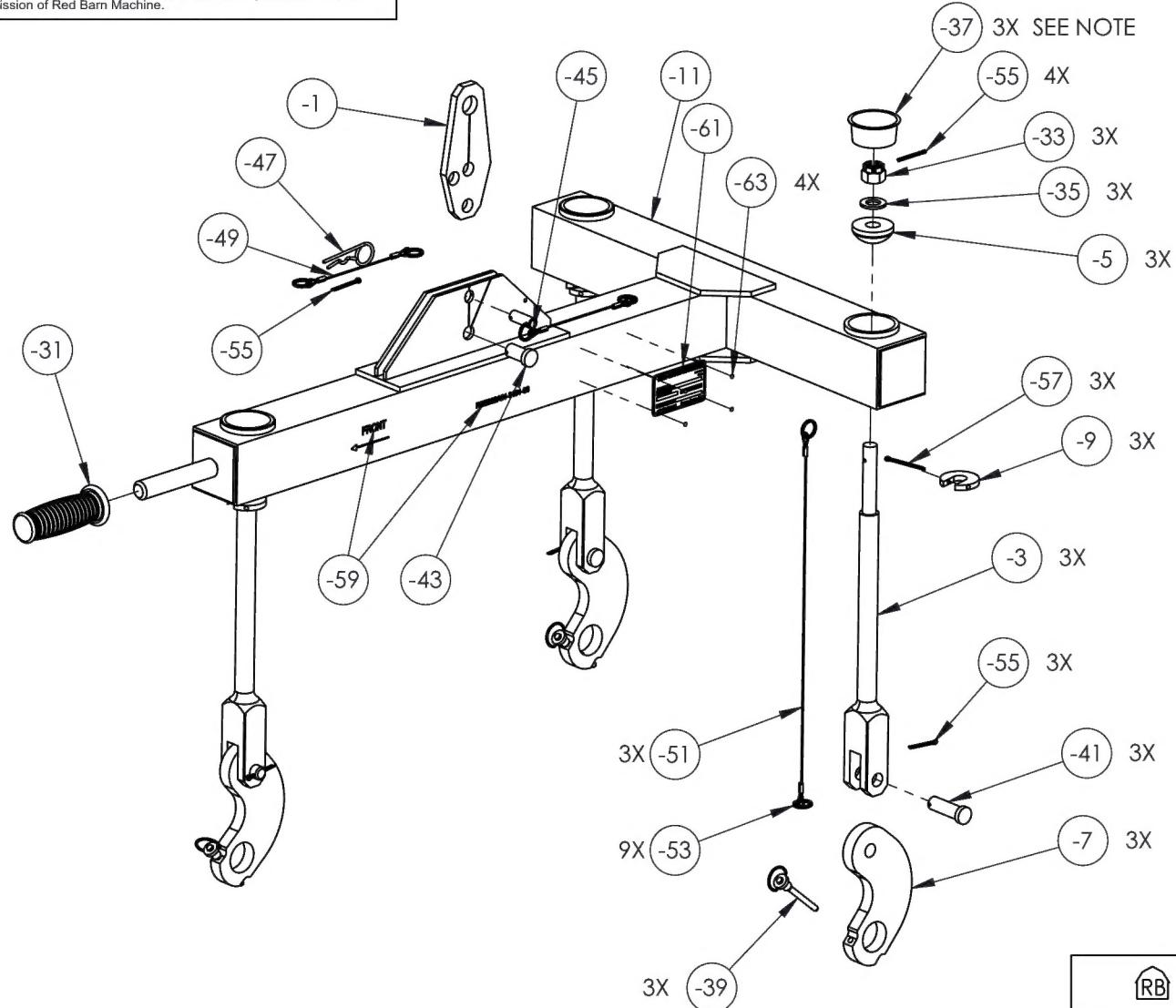


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REV	DESCRIPTION			DATE	INITIAL	APPROVED
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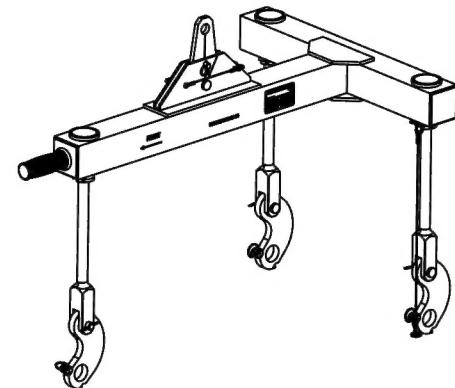
NOTE: EVALUATE AT THE TIME OF MFG THE NEED FOR THIS PLUG, UNABLE TO SOURCE A SUITABLE SOLUTION.

RED BARN MACHINE	
TITLE	SLING, M/R HEAD 5 BLADE
DWG NO.	RBE332A91-3191-00
REV	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED <i>D. Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH
SPEC	USED ON MODEL
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R	EUROCOPTER
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:8	DATE 4/21/2011
	SHEET 1 OF 19

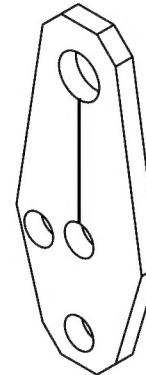
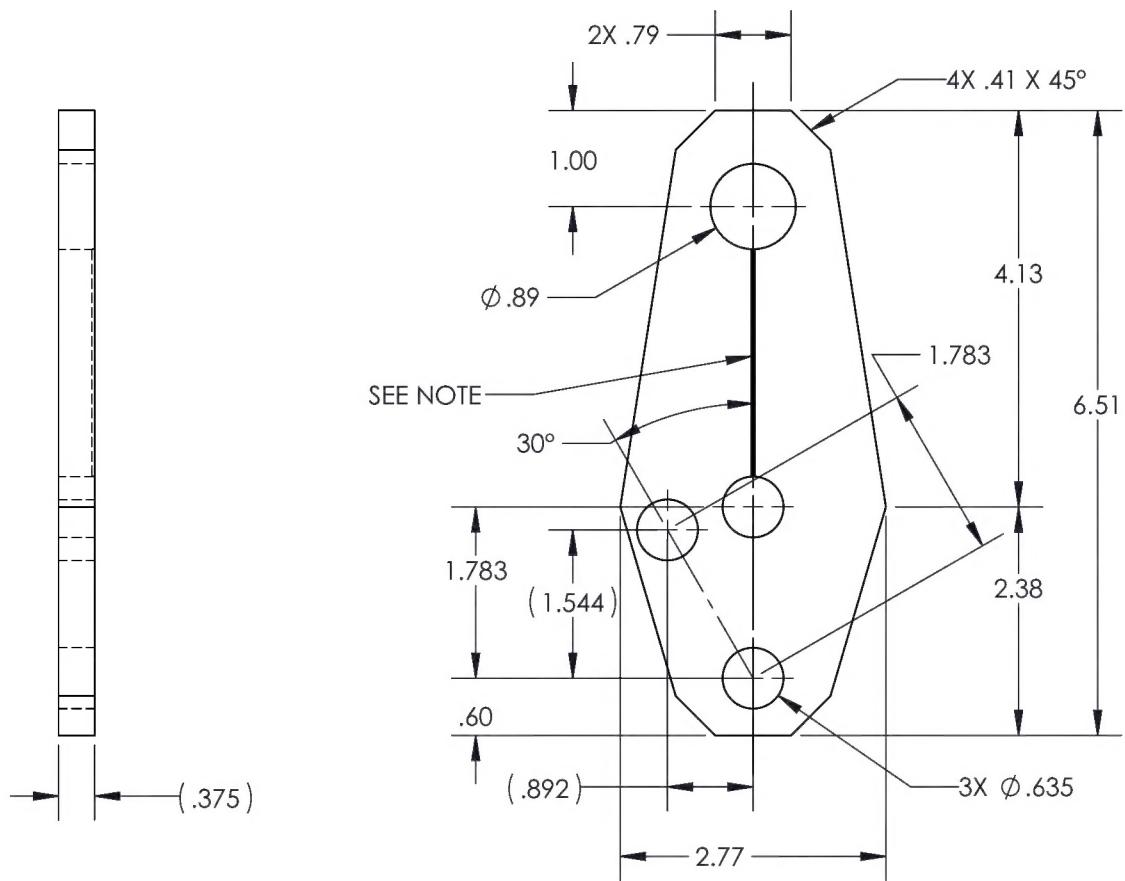
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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	LIFTING EYE	A36PO	3/8 X 2-7/8 X 6-3/4	3
			-3	3	CONNECTOR ROD	1018	Ø2 X 17	4
			-5	3	BUTTON	BRONZE	Ø2 X 1	5
			-7	3	CONNECTOR HOOK	A36PO	5/8 X 5-1/2 X 5-3/4	6
			-9	3	STOP DISK	A36PO	1/4 X 2 X 2	7
X			-11	1	WELDMENT			8
1			-13		MAIN TUBE	CARBON STEEL	3 X 3 X 3/16 WALL X 30-1/4	9
1			-15		CROSS TUBE	CARBON STEEL	3 X 3 X 3/16 WALL X 23-1/2	10
2			-17		GUSSET	A36PO	1/4 X 6-1/2 X 3-1/4	11
3			-19		TUBE CAP	A36PO	1/8 X 3 X 3	
1			-21		MOUNT PLATE	A36PO	1/4 X 3-1/4 X 10-1/2	13
2			-23		PIVOT PLATE	A36PO	3/16 X 3-1/2 X 10-1/2	14
1			-25		ROD	1018	Ø7/8 x 4-3/4	15
3			-27		PIVOT TUBE	1018	Ø2-1/2 X 3-1/2	16
B/O	-31	1			GRIP	PVC	FLANGED Ø7/8 MCMASTER-CARR #97045K23	1
B/O	-33	3			CASTLE NUT	STEL	M16 X 2 MCMASTER-CARR #93760A328	1
B/O	-35	3			FLAT WASHER	STEEL	M16 MCMASTER-CARR #91166A310	1
B/O	-37	3			PLUG	PLASTIC	TO BE DETERMINED	1
B/O	-39	3			BALL LOCK PIN	STAINLESS STEEL	1/4 X 2 MCMASTER-CARR #92384A038	1
B/O	-41	3			PIN	STEEL	5/8 X 2 MCMASTER-CARR #97245A455	1
B/O	-43	1			PIN	STEEL	5/8 X 1-1/4 MCMASTER-CARR #98306A491	1
B/O	-45	1			PIN	STEEL	1/2 X 1-13/32 MCMASTER-CARR #93890A473	1
B/O	-47	1			DOUBLE LOOP CLIP	STEEL	G.L. HUYETT #BPD-0118	1
B/O	-49	2			LANYARD	S.S.	6" LOOP/LOOP MCMASTER-CARR #90312A150	1
B/O	-51	3			LANYARD	S.S.	18" LOOP/LOOP MCMASTER-CARR #90312A360	1
B/O	-53	9			SPLIT RING	STEEL	7/8 MCMASTER-CARR #90177A217	1
B/O	-55	7			COTTER PIN	STEEL	1/8 X 1-1/2 MCMASTER-CARR #98338A190	1
B/O	-57	3			COTTER PIN	STEEL	1/8 X 2 MCMASTER-CARR #98338A200	1
B/O	-59	2			LABEL	VINYL	SIGNS NOW	17
B/O	-61	1			RED BARN PLACARD	ALUMINUM	RB41009	18
B/O	-63	4			#2 DRIVE SCREW	COATED STEEL		1
ASSY -11								



RED BARN MACHINE	
TITLE	SLING, M/R HEAD 5 BLADE
DWG NO.	RBE332A91-3191-00
REV	
UNLESS OTHERWISE SPECIFIED	DRAWN BY: GILBERT
DIMENSIONS ARE IN INCHES	APPROVED <i>D. Weil</i>
TOLERANCES ON:	
DECIMALS	FRACTIONS $\pm$ 1/32
.XXX $\pm$ .005	HEAT TREAT
XX $\pm$ .01	FINISH
X $\pm$ .1	SPEC
UNLESS OTHERWISE SPECIFIED	USED ON MODEL
1. BREAK ALL SHARP EDGES	EUROCOPTER
.015 x 45° PR. .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:16	DATE 4/21/2011
	SHEET 2 OF 19



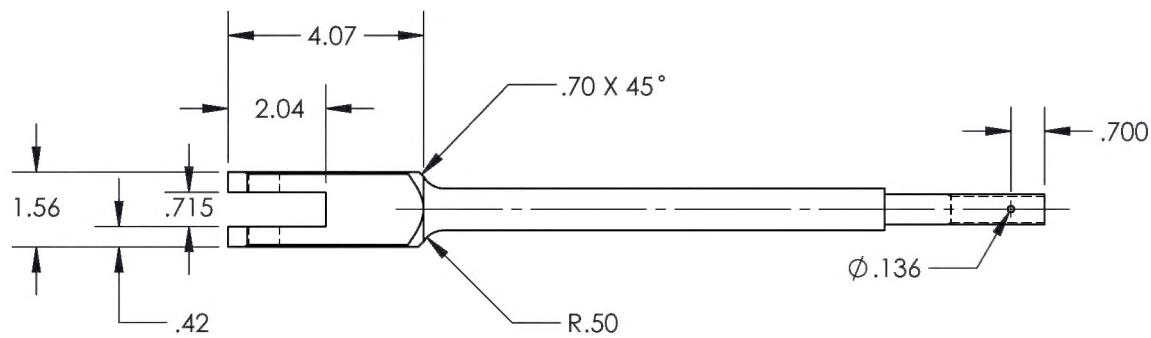
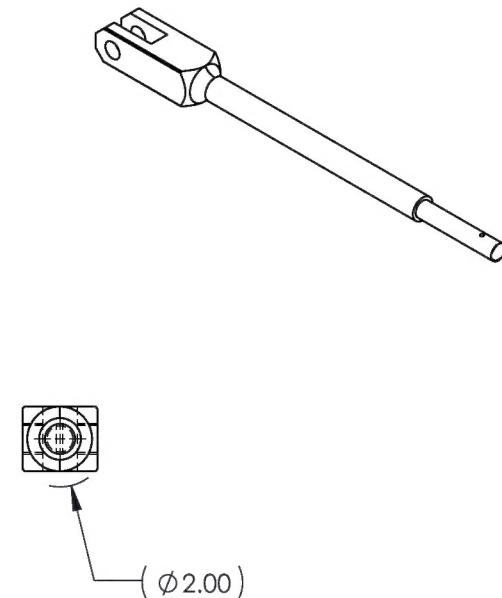
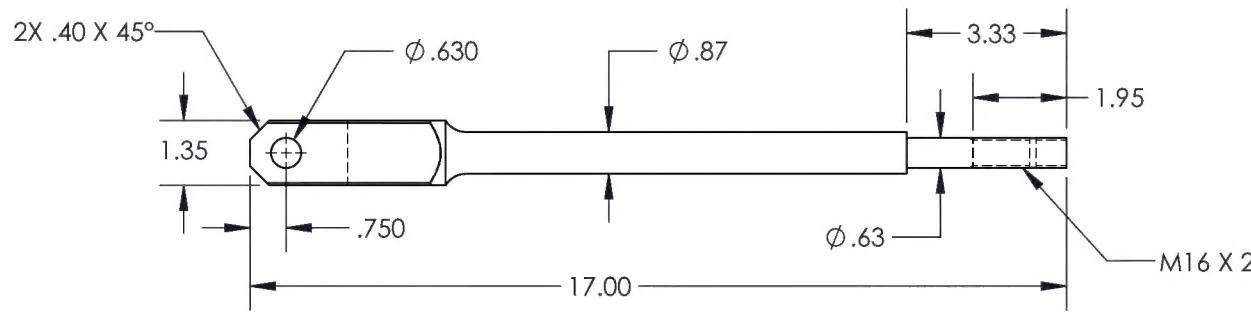
(-1)

LIFTING EYE

 <b>RED BARN MACHINE</b> <b>TITLE</b> <b>SLING, M/R HEAD 5 BLADE</b>		<b>DRAWN BY:</b> GILBERT <b>APPROVED:</b> <i>D. Weil</i> <b>HEAT TREAT:</b> <b>FINISH:</b> POWDER COAT YELLOW <b>SPEC:</b> FED #13538 <b>USED ON MODEL:</b> <b>EUROCOPTER</b>
<b>DWG NO.</b>	<b>RBE332A91-3191-00-1</b>	<b>REV</b>
<b>UNLESS OTHERWISE SPECIFIED</b>		
<b>DIMENSIONS ARE IN INCHES</b>		
<b>TOLERANCES ON:</b>		
<b>DECIMALS</b>		
<b>.XXX ± .005</b>	<b>FRACTIONS ± 1/32</b>	
<b>XX ± .01</b>	<b>ANGLES ± 5°</b>	
<b>X ± .1</b>		
<b>UNLESS OTHERWISE SPECIFIED</b>		
<b>1. BREAK ALL SHARP EDGES</b>		
<b>.015 x 45° PR .015 R</b>		
<b>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</b>		
<b>SCALE</b>	<b>1:2</b>	<b>DATE</b>
		<b>4/21/2011</b>
		<b>SHEET 3 OF 19</b>

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED

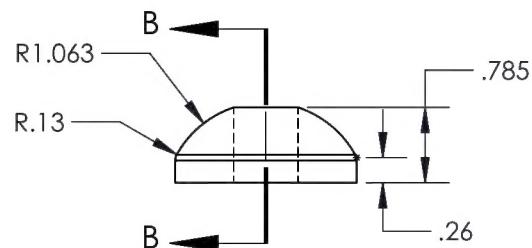
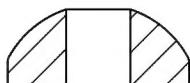
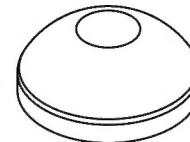
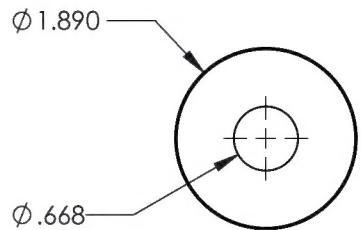


(-3)  
CONNECTOR ROD

<b>RB RED BARN MACHINE</b>	
<b>TITLE</b>	<b>SLING, M/R HEAD 5 BLADE</b>
<b>DWG NO.</b>	<b>RBE332A91-3191-00-3</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>DRAWN BY: GILBERT</b>
<b>DIMENSIONS ARE IN INCHES</b>	<b>APPROVED: <i>D. Weil</i></b>
<b>TOLERANCES ON:</b>	<b>HEAT TREAT</b>
<b>DECIMALS .XXX ± .005</b>	<b>FINISH POWDER COAT YELLOW</b>
<b>XX ± .01</b>	<b>SPEC FED #13538</b>
<b>X ± .1</b>	<b>USED ON MODEL</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>EUROCOPTER</b>
<b>1. BREAK ALL SHARP EDGES</b>	
<b>.015 x 45° PR .015 R</b>	
<b>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</b>	
<b>SCALE</b>	<b>1:4</b>
<b>DATE</b>	<b>4/21/2011</b>
<b> SHEET 4 OF 19</b>	

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED



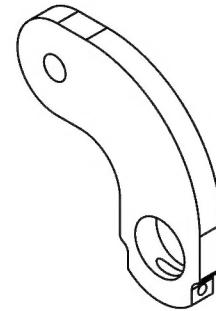
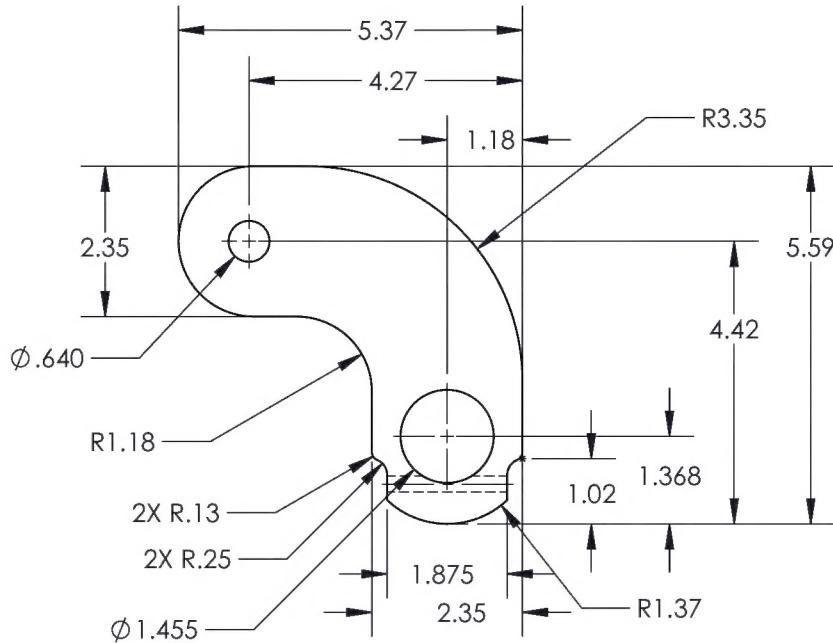
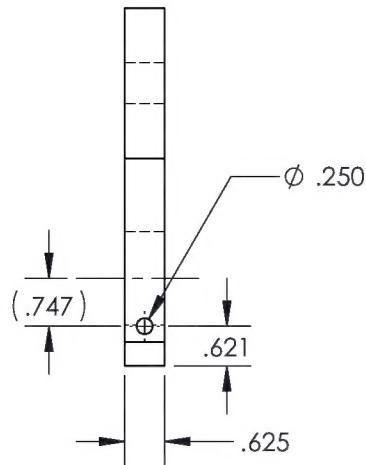
SECTION B-B

(-5)  
BUTTON

 <b>RED BARN MACHINE</b>	
TITLE	SLING, M/R HEAD 5 BLADE
DWG NO.	RBE332A91-3191-00-5
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED <i>D. Weil</i>
FRACTIONS ± 1/32 .015 x 45° PR .015 R	HEAT TREAT FINISH
ANGLES ± 5°	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL EUROCOPTER
SCALE 1:2	DATE 4/21/2011
SHEET 5 OF 19	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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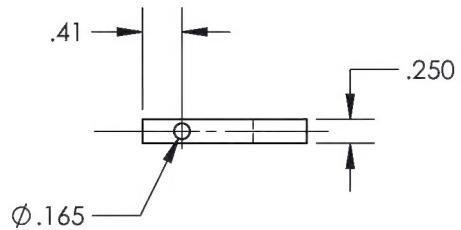
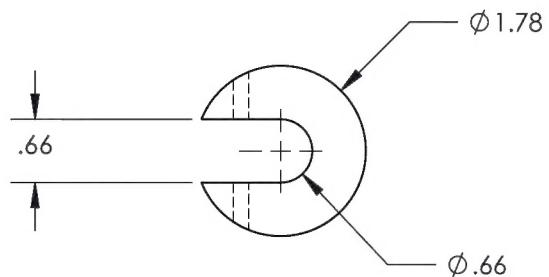
CONNECTOR HOOK

(-7)

	<b>RED BARN MACHINE</b>	
TITLE	SLING, M/R HEAD 5 BLADE	REV
DWG NO.	RBE332A91-3191-00-7	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT	
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED	
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT	
	FINISH POWDER COAT YELLOW	
	SPEC FED #13538	
	USED ON MODEL	
	EUROCOPTER	
SCALE 1:3	DATE 4/21/2011	SHEET 6 OF 19

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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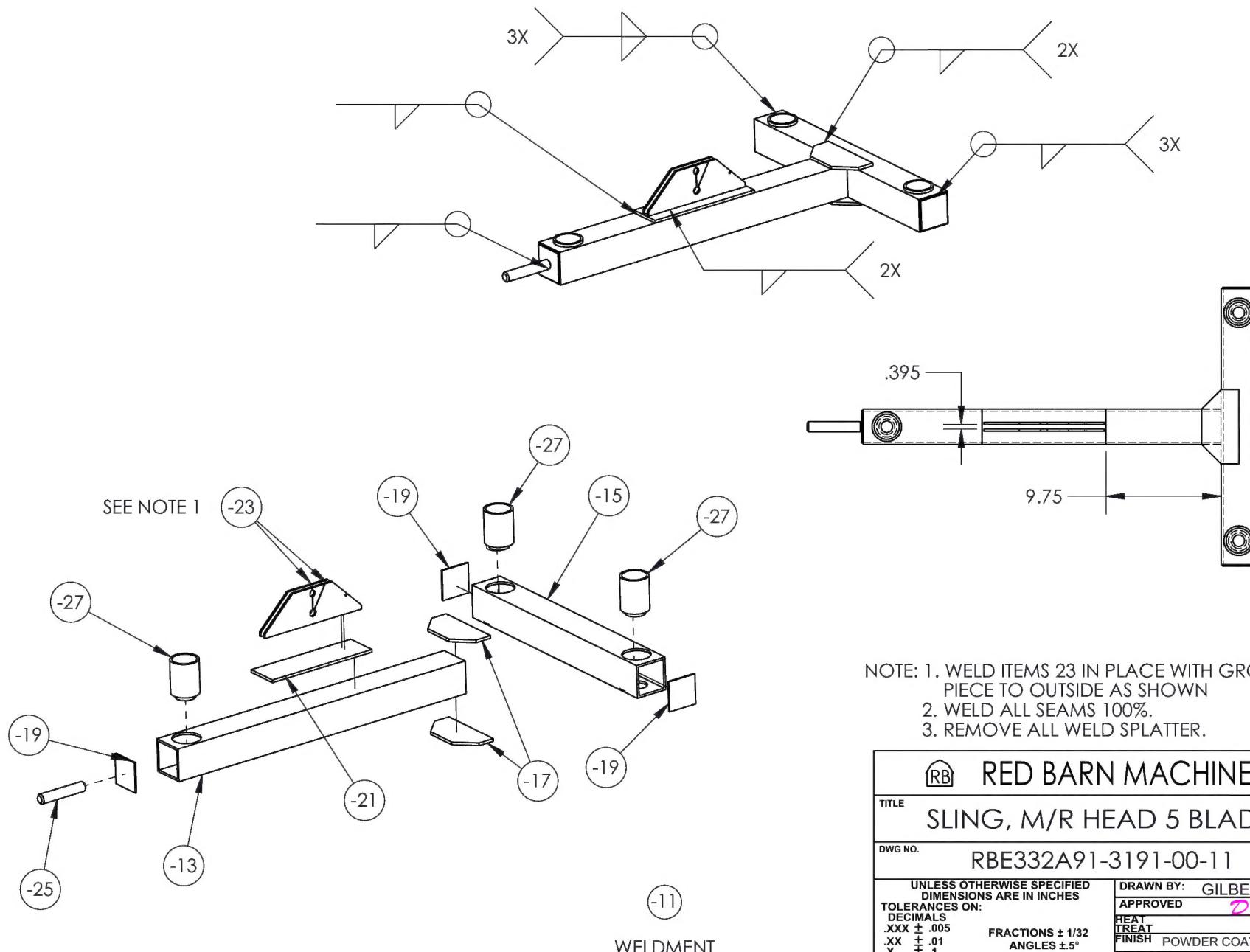
(-9)

STOP DISK

 <b>RED BARN MACHINE</b>	
<b>TITLE</b>	<b>SLING, M/R HEAD 5 BLADE</b>
<b>DWG NO.</b>	<b>RBE332A91-3191-00-9</b>
<b>DRAWN BY:</b>	<b>GILBERT</b>
<b>APPROVED</b>	<b>D Weil</b>
<b>HEAT</b>	
<b>TREAT</b>	
<b>FINISH</b>	<b>POWDER COAT YELLOW</b>
<b>SPEC</b>	<b>FED #13538</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	
<b>DECIMALS</b>	
<b>XXX ± .005</b>	<b>FRACTIONS ± 1/32</b>
<b>XX ± .01</b>	<b>ANGLES ± 5°</b>
<b>X ± .1</b>	
<b>UNLESS OTHERWISE SPECIFIED</b>	
<b>1. BREAK ALL SHARP EDGES</b>	
<b>.015 x 45° PR .015 R</b>	
<b>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</b>	
<b>SCALE</b>	<b>1:2</b>
<b>DATE</b>	<b>4/21/2011</b>
<b>INITIAL</b>	<b>APPROVED</b>
<b>REVISIONS</b>	
<b>DATE</b>	
<b>INITIAL</b>	
<b>APPROVED</b>	

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REV	REVISIONS		
DATE	INITIAL	APPROVED	

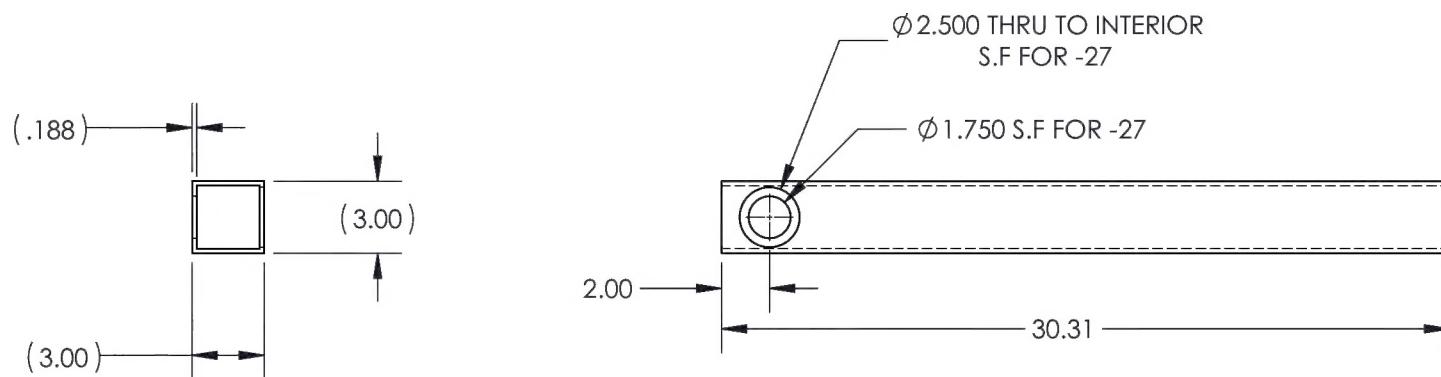
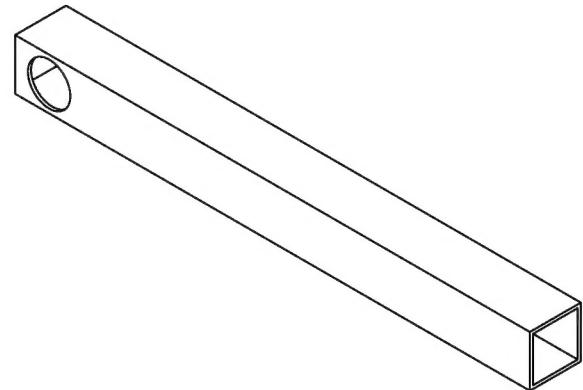


NOTE: 1. WELD ITEMS 23 IN PLACE WITH GROOVED PIECE TO OUTSIDE AS SHOWN  
 2. WELD ALL SEAMS 100%.  
 3. REMOVE ALL WELD SPLATTER.

<b>RB</b>	<b>RED BARN MACHINE</b>
<b>TITLE</b>	<b>SLING, M/R HEAD 5 BLADE</b>
<b>DWG NO.</b>	<b>RBE332A91-3191-00-11</b>
<b>REV</b>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED <i>D. Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH POWDER COAT YELLOW
	SPEC FED #13538
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER
SCALE 1:12	DATE 4/21/2011
	SHEET 8 OF 19

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED



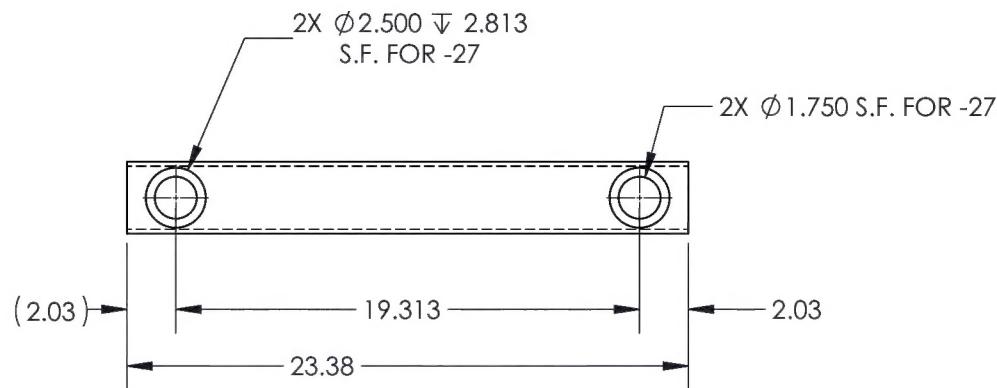
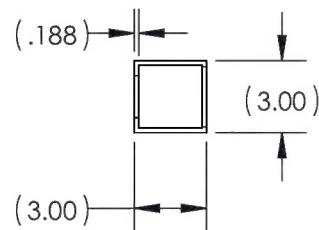
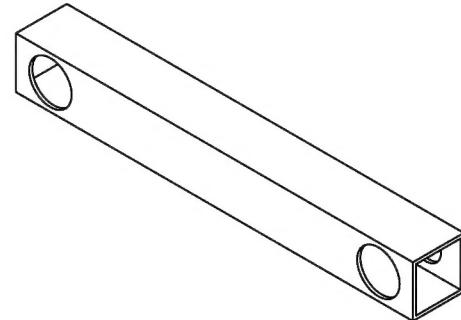
(-13)

MAIN TUBE

 <b>RED BARN MACHINE</b>	
<b>TITLE</b>	<b>SLING, M/R HEAD 5 BLADE</b>
<b>DWG NO.</b>	<b>RBE332A91-3191-00-13</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>DRAWN BY: GILBERT</b>
<b>DIMENSIONS ARE IN INCHES</b>	<b>APPROVED</b>
<b>TOLERANCES ON:</b>	<b><i>D Weil</i></b>
<b>DECIMALS</b>	<b>HEAT</b>
<b>.XXX ± .005</b>	<b>TREAT</b>
<b>XX ± .01</b>	<b>FINISH</b>
<b>X ± .1</b>	<b>SPEC</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>USED ON MODEL</b>
<b>1. BREAK ALL SHARP EDGES</b>	<b>EUROCOPTER</b>
<b>.015 x 45° PR. .015 R</b>	
<b>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</b>	
<b>SCALE</b>	<b>1:8</b>
<b>DATE</b>	<b>4/21/2011</b>
<b>SHEET</b>	<b>9 OF 19</b>

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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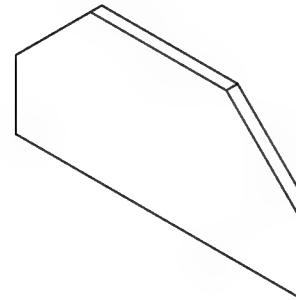
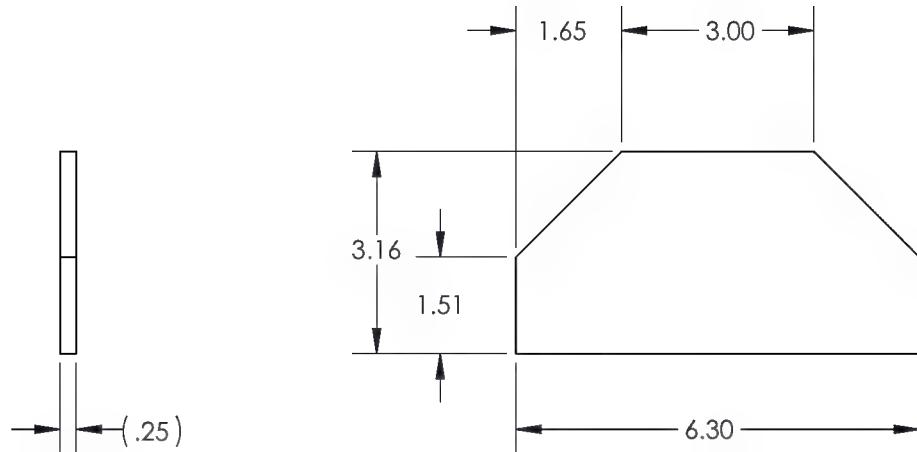
(-15)

CROSS TUBE

 <b>RED BARN MACHINE</b>	
<b>TITLE</b>	<b>SLING, M/R HEAD 5 BLADE</b>
<b>DWG NO.</b>	<b>RBE332A91-3191-00-15</b>
<b>REV</b>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: <b>GILBERT</b>
<b>TOLERANCES ON:</b> DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED <i>D. Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH
	SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	<b>EUROCOPTER</b>
<b>SCALE</b>	1:8
<b>DATE</b>	4/21/2011
<b>SHEET 10 OF 19</b>	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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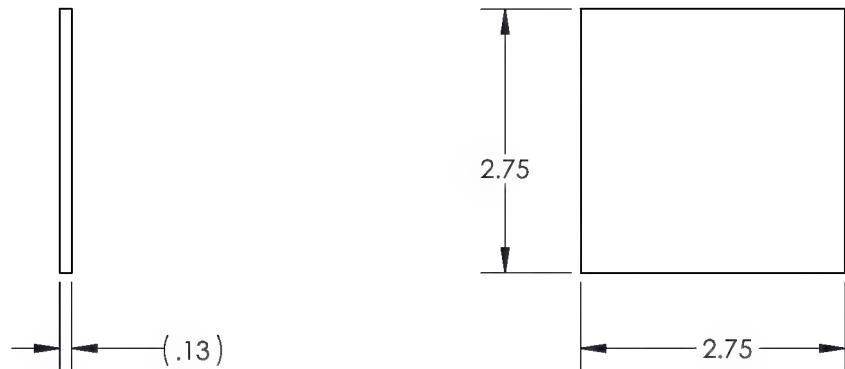
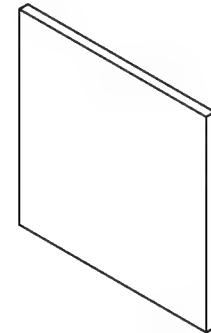
-17

GUSSET

 <b>RED BARN MACHINE</b>	
<b>TITLE</b>	<b>SLING, M/R HEAD 5 BLADE</b>
<b>DWG NO.</b>	<b>RBE332A91-3191-00-17</b>
<b>DRAWN BY:</b>	<b>GILBERT</b>
<b>APPROVED</b>	<b>D Weil</b>
<b>DECIMALS</b>	<b>FRACTIONS <math>\pm</math> 1/32</b>
<b>XX <math>\pm</math> .005</b>	<b>ANGLES <math>\pm</math> 5°</b>
<b>XX <math>\pm</math> .01</b>	
<b>X <math>\pm</math> .1</b>	
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>HEAT</b>
<b>TOLERANCES ON:</b>	<b>TREAT</b>
<b>DECIMALS</b>	<b>FINISH</b>
<b>XX <math>\pm</math> .005</b>	
<b>XX <math>\pm</math> .01</b>	
<b>X <math>\pm</math> .1</b>	
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>SPEC</b>
<b>1. BREAK ALL SHARP EDGES</b>	<b>USED ON MODEL</b>
<b>.015 x 45° PR .015 R</b>	
<b>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</b>	<b>EUROCOPTER</b>
<b>SCALE</b>	<b>1:3</b>
<b>DATE</b>	<b>4/21/2011</b>
<b>SHEET</b>	<b>11 OF 19</b>

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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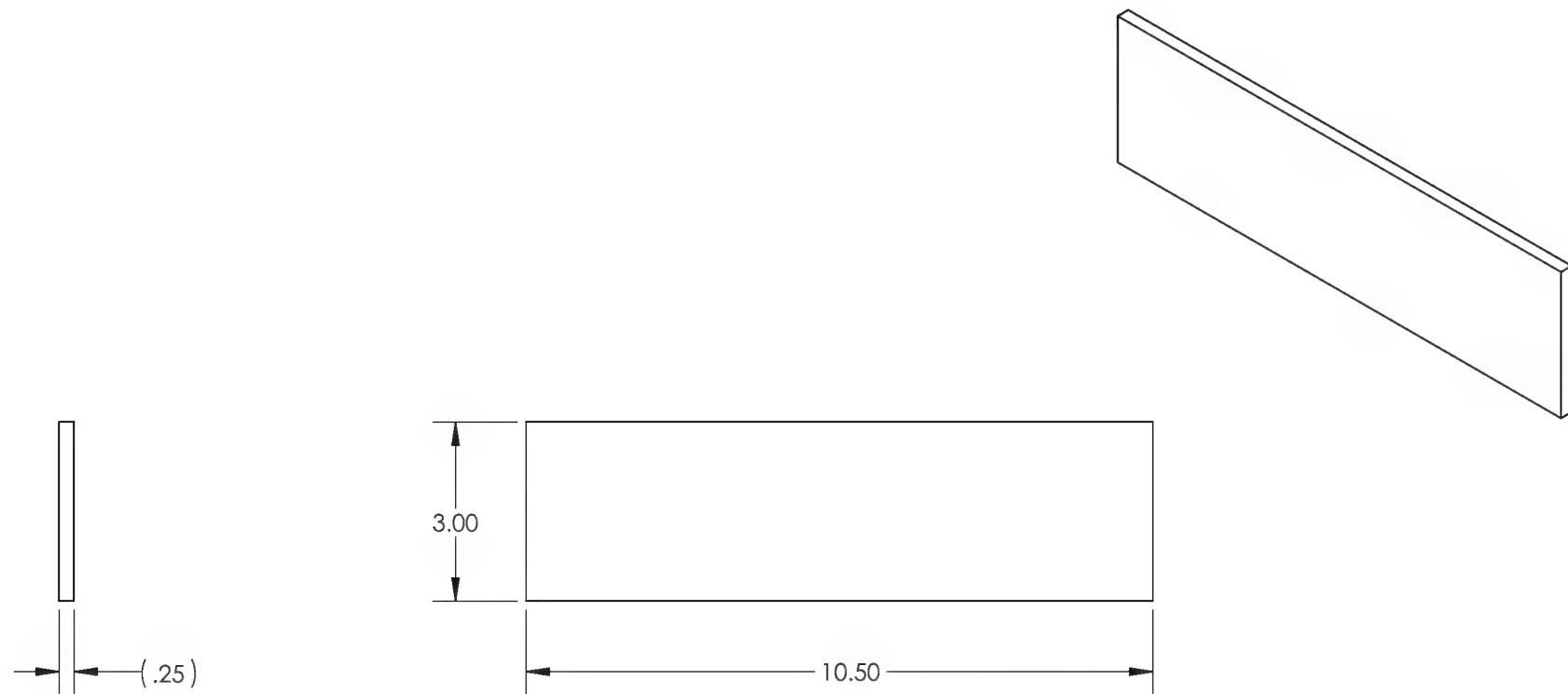


-19  
TUBE CAP

 RED BARN MACHINE	
TITLE	
SLING, M/R HEAD 5 BLADE	
DWG NO. RBE332A91-3191-00-19 REV	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	
APPROVED DRAWN BY: GILBERT <i>D. Weil</i>	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
EUROCOPTER	
SCALE	1:2
DATE	4/21/2011
SHEET 12 OF 19	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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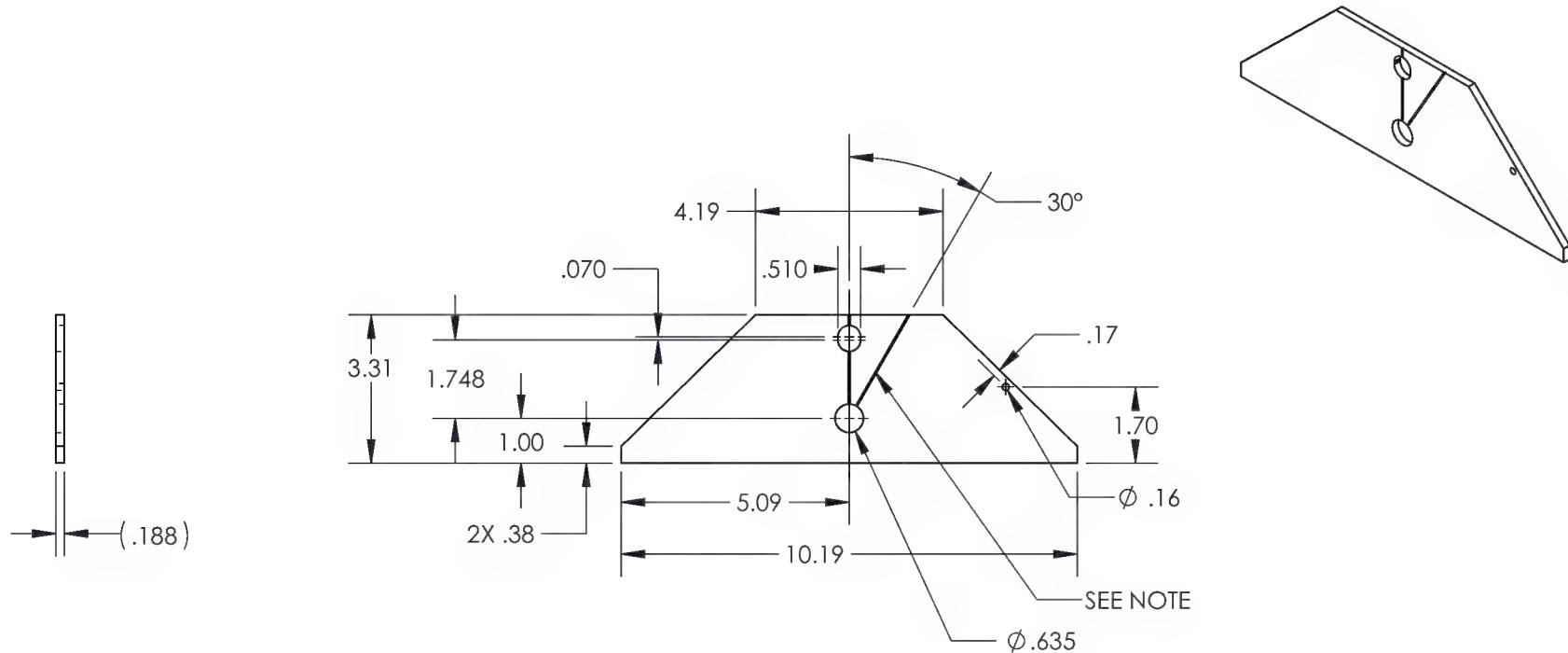


(-21)  
MOUNT PLATE

 RED BARN MACHINE	
TITLE	
SLING, M/R HEAD 5 BLADE	
DWG NO.	
RBE332A91-3191-00-21	
REV	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS .XXX ± .005	
FRACTIONS ± 1/32	
XX ± .01	
ANGLES ±.5°	
X ± .1	
APPROVED	
GILBERT	
D. Weil	
HEAT	
TREAT	
FINISH	
SPEC	
USED ON MODEL	
EUROCOPTER	
SCALE	1:3
DATE	4/21/2011
SHEET 13 OF 19	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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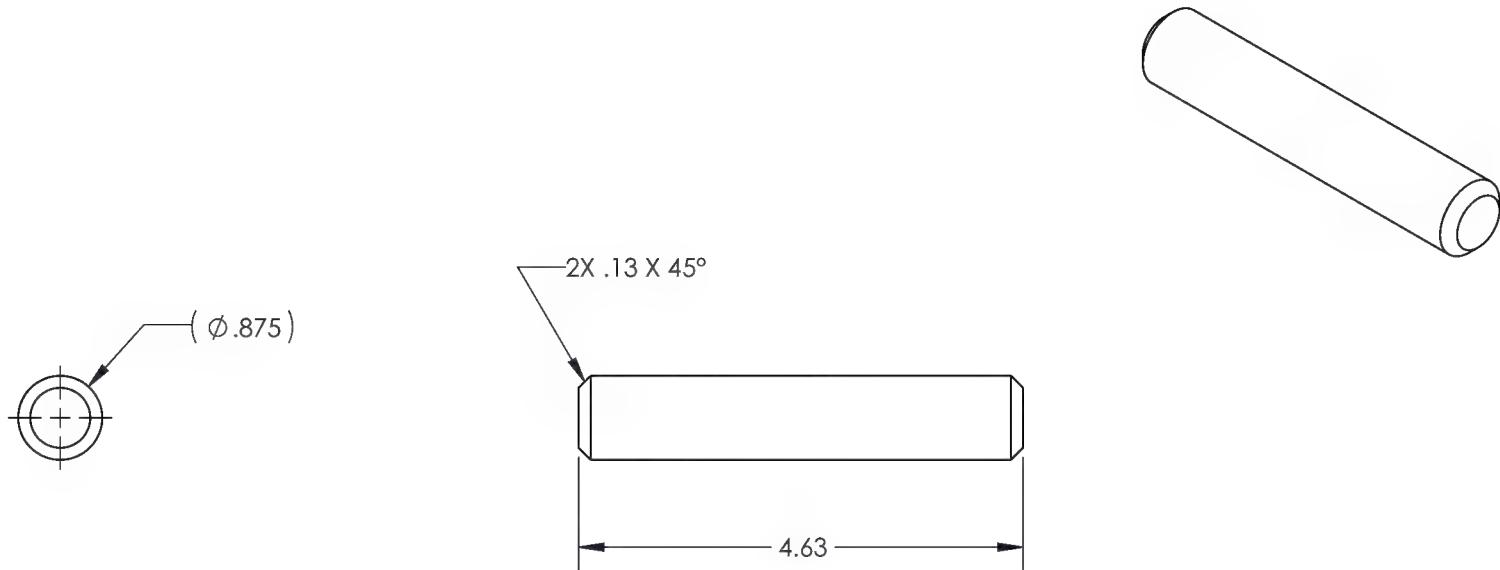
NOTE: .03 DEEP GROOVE AS SHOWN, THIS SIDE ONLY, TO BE INKED AFTER POWDER COAT.  
GROOVE 1 OF 2 NEEDED PER ASSY.

(-23)  
PIVOT PLATE

<b>RB RED BARN MACHINE</b>	
<b>TITLE</b>	
<b>SLING, M/R HEAD 5 BLADE</b>	
<b>DWG NO.</b> RBE332A91-3191-00-23 <b>REV</b>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES <b>TOLERANCES ON:</b> DECIMALS .XXX ± .005      FRACTIONS ± 1/32 XX ± .01      ANGLES ± 5° X ± .1	
DRAWN BY: GILBERT <b>APPROVED</b> <i>D. Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL EUROCOPTER	
SCALE	1:4
DATE	4/21/2011
SHEET 14 OF 19	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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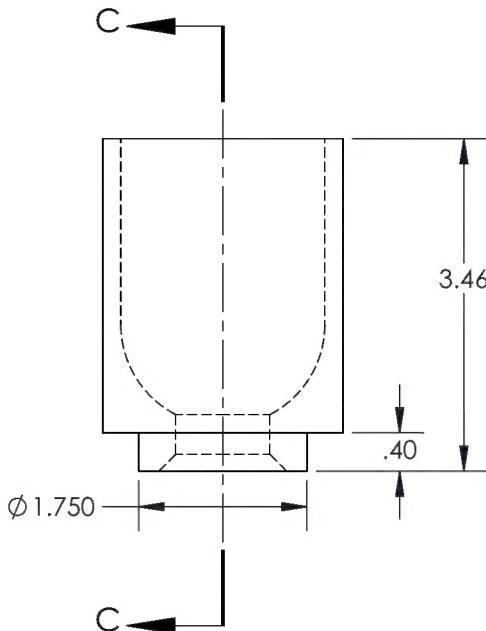
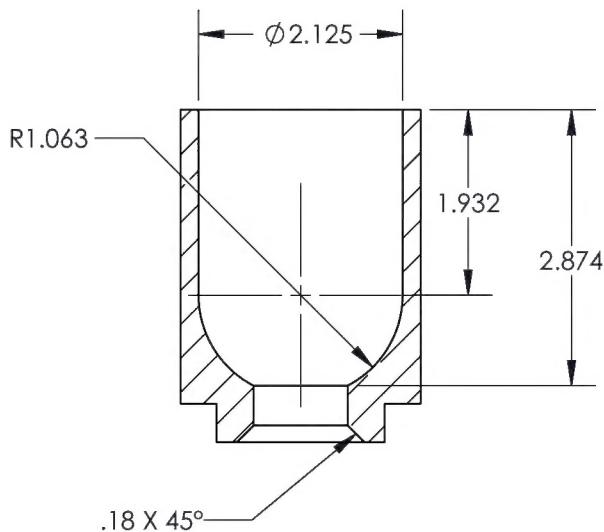
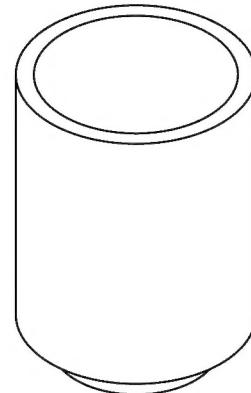
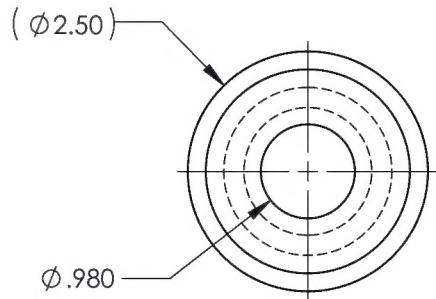
(-25)

ROD

 <b>RED BARN MACHINE</b>	
<b>TITLE</b>	<b>SLING, M/R HEAD 5 BLADE</b>
<b>DWG NO.</b>	<b>RBE332A91-3191-00-25</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>DRAWN BY: GILBERT</b>
<b>DIMENSIONS ARE IN INCHES</b>	<b>APPROVED <i>D. Weil</i></b>
<b>TOLERANCES ON:</b>	<b>HEAT</b>
<b>DECIMALS</b>	<b>TREAT</b>
<b>.XXX ± .005</b>	<b>FINISH</b>
<b>XX ± .01</b>	<b>SPEC</b>
<b>X ± .1</b>	<b>USED ON MODEL</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>EUROCOPTER</b>
<b>1. BREAK ALL SHARP EDGES</b>	
<b>.015 x 45° PR .015 R</b>	
<b>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</b>	
<b>SCALE</b>	<b>1:2</b>
<b>DATE</b>	<b>4/21/2011</b>
<b> SHEET 15 OF 19</b>	

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED



SECTION C-C

PIVOT TUBE

(-27)

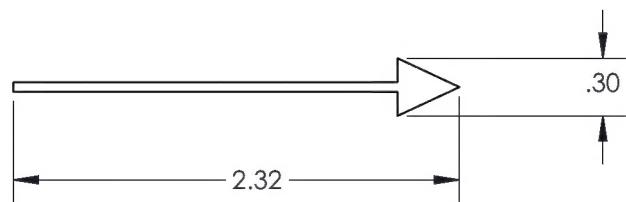
 <b>RED BARN MACHINE</b>	
TITLE	REV
SLING, M/R HEAD 5 BLADE	
DWG NO.	RBE332A91-3191-00-27
UNLESS OTHERWISE SPECIFIED	DRAWN BY: GILBERT
DIMENSIONS ARE IN INCHES	APPROVED <i>D. Weil</i>
TOLERANCES ON:	HEAT
DECIMALS .XXX ± .005	TREAT
XX ± .01	FINISH
X ± .1	SPEC
1. BREAK ALL SHARP EDGES	USED ON MODEL
.015 x 45° PR .015 R	EUROCOPTER
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:2
DATE	4/21/2011
SHEET 16 OF 19	

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED

FRONT

.38



RBE332A91-3191-00

.25

(-59)

LABEL

NOTE: BLACK LETTERS, ADHESIVE BACK, ARIAL FONT

 RED BARN MACHINE	
TITLE	SLING, M/R HEAD 5 BLADE
DWG NO.	RBE332A91-3191-00-59
DRAWN BY:	GILBERT
APPROVED	<i>D Weil</i>
HEAT	
TREAT	
FINISH	
SPEC	
USED ON MODEL	
EUROCOPTER	
SCALE	1:1
DATE	4/21/2011
SHEET	17 OF 19

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

TOLERANCES ON:

DECIMALS

.XXX ± .005

FRACTIONS ± 1/32

XX ± .01

ANGLES ± 5°

X ± .1

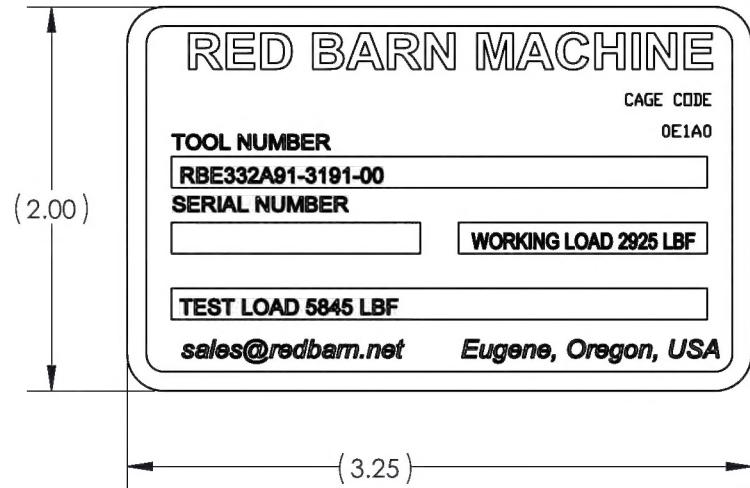
UNLESS OTHERWISE SPECIFIED  
1. BREAK ALL SHARP EDGES

.015 x 45° PR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

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REV	DESCRIPTION	REVISIONS	DATE	INITIAL	APPROVED
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NOTE: ENGRAVE AS SHOWN

	RED BARN MACHINE	
TITLE	SLING, M/R HEAD 5 BLADE	
DWG NO.	RBE332A91-3191-00-61	REV
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT	APPROVED
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	HEAT TREAT FINISH	<i>D Weil</i>
FRACTIONS ± 1/32 .015 x 45° PR .015 R	SPEC	
ANGLES ± 5°	USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER	
SCALE 1:1	DATE 4/21/2011	SHEET 18 OF 19

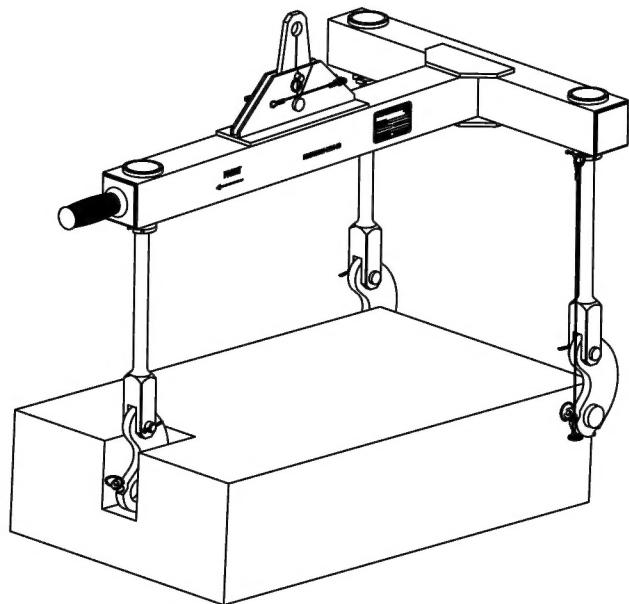
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REV		REVISIONS		
REV	DATE	INITIAL	APPROVED	

RED BARN MACHINE  
190 S. DANEBO AVE., EUGENE OR. 97402  
(541)344-9953; fax (541)344-3863  
e-mail; sales@redbarn.net

## FIRST ARTICLE WEIGHT TEST

INSPECTION & TESTING PROCEDURES FOR THE RBE332A91-3191-00, SLING, M/R HEAD 5 BLADE. THIS ASSEMBLY IS DESIGNED EXCLUSIVELY FOR HOISTING AND INSTALLING/REMOVING THE 5-BLADED MAIN ROTOR HEAD. THIS ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE. REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!



### FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, PLACE SLING ASSEMBLY ON A OVERHEAD LIFTING DEVICE. ATTACH 3 CONNECTOR HOOKS TO AN APPROAITE TEST WEIGHT OF 5845 LBS, USE BALL LOCK PINS TO LOCK INTO FIXTURE.
2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINULLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
3. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.

INSPECTOR \_\_\_\_\_

TESTER \_\_\_\_\_

S.N. \_\_\_\_\_

DATE \_\_\_\_\_

 RED BARN MACHINE
TITLE
SLING, M/R HEAD 5 BLADE

DWG NO. RBE332A91-3191-00 REV